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Substitute for Form PTO-1595

Attorney's Docket No. 032879-049

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Takashi KATOH  
Hirotaka KITAGAWA

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: May 18, 2005

2. Name and address of receiving party(ies):

Name: FUJI PHOTO FILM CO., LTD.

Address:

210 Nakanuma  
Minami-ashigara-shi  
Kanagawa 250-0193  
Japan

Additional name(s) & addresses attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)  
11/086,404

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Platon N. Mandros

Address:

Burns, Doane, Swecker & Mathis, L.L.P.  
Customer Number 2 1 8 3 9  
P.O. Box 1404  
Alexandria, Virginia 22313-1404

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$ \$40.00 (8021)

- ☐ Enclosed  
☒ Authorized to be charged to deposit account  
☐ Credit card. Form PTO-2038 is attached.

8. Deposit account number:

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9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Platon N. Mandros  
Name of Person Signing

22,124  
Reg. No.

Signature 

June 15, 2005  
Date

Total number of pages including cover sheet, attachments, and documents:

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CH \$40.00 024800 11086404

Application No. 11/086,404Attorney Docket No. 032879-049

# ASSIGNMENT

## (JOINT)

THIS ASSIGNMENT, by Takashi KATOH and Hirotaka KITAGAWA, residing at  
Minami-Ashigara-shi, Kanagawa, Japan; and  
Minami-Ashigara-shi, Kanagawa, JAPAN

(hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in  
LIQUID CRYSTAL COMPOSITION AND LIQUID CRYSTAL ELEMENT EMPLOYING THE  
COMPOSITION set forth in an application for Letters Patent of the United States, which is a

- (1) ☐ provisional application
- (a) ☐ bearing Application No. \_\_\_\_\_, and filed on \_\_\_\_\_;
- (b) ☐ to be filed herewith; or
- (2) ☒ non-provisional application
- (a) ☒ bearing Application No. 11/086,404, and filed  
on March 23, 2005;
- (b) ☐ having an oath or declaration executed on even date herewith prior to  
filing of application;
- (c) ☐ having an oath or declaration executed on a different date than this  
Assignment; and

WHEREAS, FUJI PHOTO FILM CO., LTD., a corporation duly organized under and pursuant  
to the laws of Japan and having a principal place of business at 210 Nakanuma, Minami-ashigara-shi,  
Kanagawa 250-0193, Japan (hereinafter referred to as "the Assignee"), is desirous of acquiring the  
entire right, title, and interest in and to said inventions, the right to file applications on said inventions  
and the entire right, title and interest in and to any applications, including provisional applications for  
Letters Patent of the United States or other countries claiming priority to said application, and in and  
to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby  
acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents  
do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and  
assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file  
applications on said inventions and the entire right, title and interest in and to any applications for  
Letters Patent of the United States or other countries claiming priority to said applications, and any  
and all Letters Patent or Patents of the United States of America and all foreign countries that may be  
granted therefor and thereon, and in and to any and all applications claiming priority to said  
applications, divisions, continuations, and continuations-in-part of said applications, and reissues and  
extensions of said Letters Patent or Patents, and all rights under the International Convention for the  
Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use  
and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full  
end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as  
the same would have been held and enjoyed by the Assignors had this sale and assignment not been  
made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the  
Assignee, its successors, legal representatives, and assigns, that, at the time of execution and  
delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and  
interest in and to the inventions set forth in said applications and said applications, including  
provisional applications, above-mentioned, and that the same are unencumbered, and that the  
Assignors have good and full right and lawful authority to sell and convey the same in the manner  
herein set forth;

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AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Burns, Doane, Swecker & Mathis, L.L.P. to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said invention, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

DATE May 18, 2005Takashi KatoH

Takashi KATOH

DATE May 18, 2005Hiroataka Kitagawa

Hiroataka KITAGAWA